Fig. 1

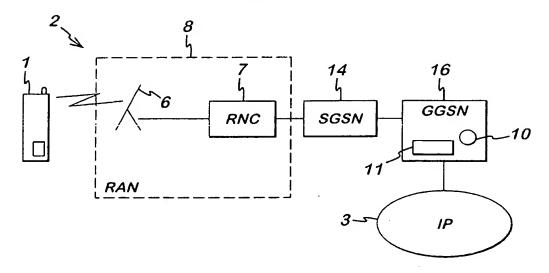
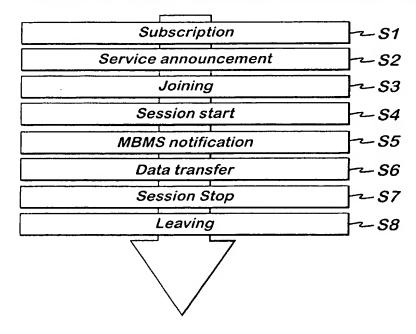


Fig. 2 Phases of MBMS Multicast service provision



BM-SC Authorization Response **Authorization Request** 3. MBMS 3. MBMS Fig. 3 The activation of an MBMS multicast service GGSN GGSN 91 711 Notification Response Notification Request Context Request 9. Create MBMS 4. MBMS 7. MBMS SGSN 18 710 1. PDP Context Activation 8. Security Functions 6. Activate MBMS Context Request 5. Request MBMS Context Activation 2. IGMP Join RAN

2/6

| 10. MBMS Authorization Request 712 | 10. MBMS | Authorization Response 713 | 11. MBMS | Registration Request 714 | 11. MBMS Registration Response | | | | | | |
|---------------------------------------|----------|----------------------------|----------|--------------------------|-------------------------------------|--|-----------------------|-----------------------------------|-----------------------------------|-------------------------------------|--|
| | | | | | 716 | 747 | A | e 718 | | | |
| | | | | | 12. Create MBMS Context Response | 13. MBMS | registi ation request | 13. MBMS Registration Response | | | |
| | | • | <u></u> | | ., | <u>, </u> | - | - i | - 18 18 | T20 | |
| | | | | | | | | | rovision of MBN Context to RAN | fS | |
| | | | | | | | | | Provis. Conte | T ate MBM Accept | |
| | | | | | | | | | 14. | 15. Activate MBMS Context Accept | |

Fig. 3 (Contd.)

Fig. 4 MBMS UE linking signalling flow

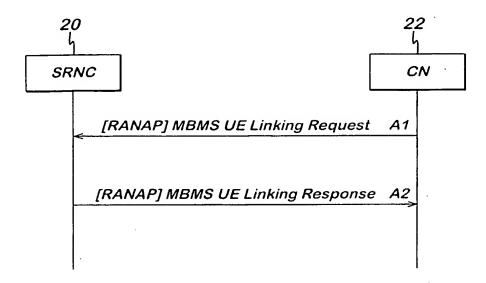
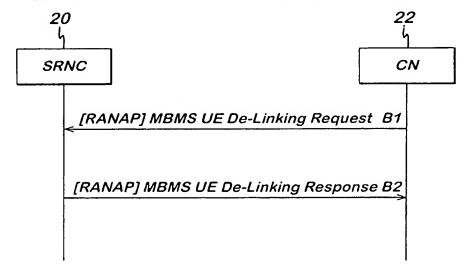
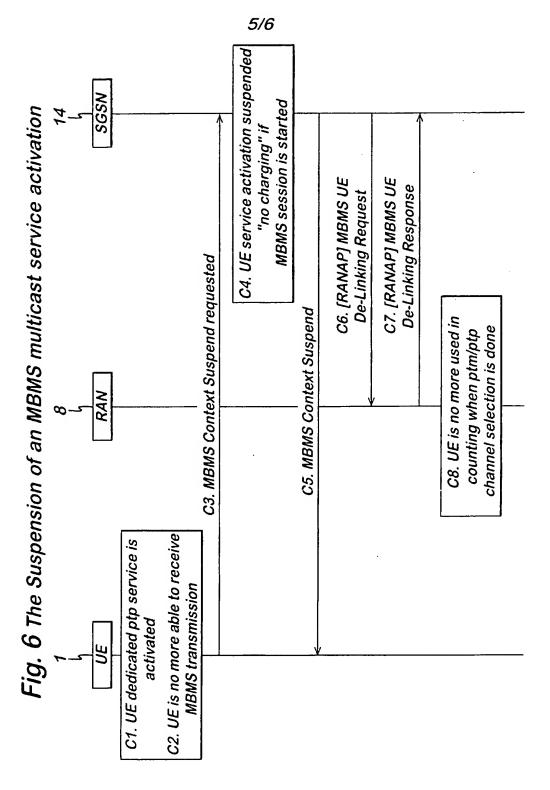


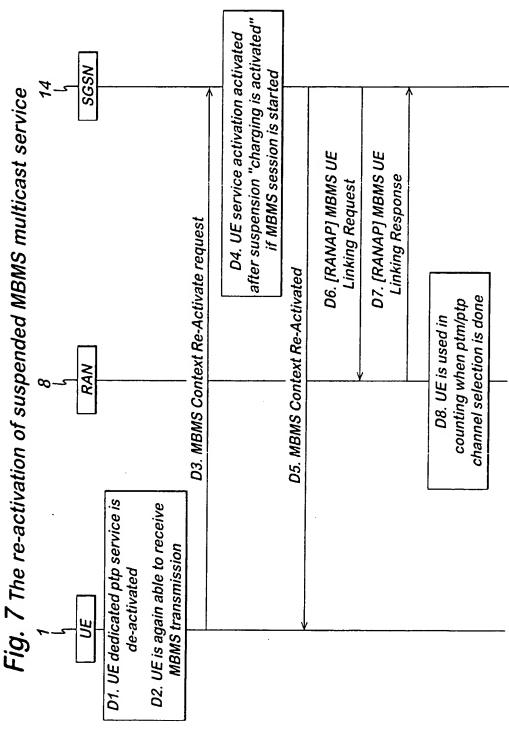
Fig. 5 MBMS UE De-linking signalling flow











6/6